LiPo-Blitzer V2.5
Voltage-controll for 12-14 LiPolys

Thank you for purchasing this tension announcement device.

The **LiPo-Blitzer** is for preventing an low-level-discharging of expensive LiPolys (lithium polymer cells). This is done by LED, displaying three different states (off / flashing / on). Whenever the average charge per cell drops below 3.5V-3.4V, the LED starts flashing. An average charge below 3.2V-3.1V will result the LED to light continuously. This helps the pilot preventing low-level-discharging the expensive LiPolys. Since LiPolys do not like a voltage dropping below 3.0V per cell voltages below 2.5V per cell will permanently damage the LiPolys.

This tension control is suitable for LiPoly-Packages holding 12 to 14 cells. When connecting the **LiPo-Blitzer** to a Cell-Package, it can be easily programmed by setting the Jumper.

Connection:
The **LiPo-Blitzer** can be used in two ways. You can either connect it directly to the consumer
(usually the engine automatic controller) or by intermediate adapters (as short as possible) between Akku and consumers.
Attention: Be sure to use the correct polarity, since switching poles will destroy the **LiPo-Blitzer** (No Warranty because of misuse)
Plus is red, minus is black.

To avoid interferences:
It's required that there is a distance of 10cm min., better 15cm between the LiPo-Blitzer and other electronic devices (e.g. the receiver).

Support: LiPo@lipo-blitzer.de

Programming:

Programming is very easy.
1. Take off the Jumper
2. Attach the **LiPo-Blitzer** to the LiPolys.
3. The LED will start to flash. First 12 times, then 13 time and 14 times. Attach the Jumper right after the LED flashed the appropriate number of cells. The LED will automatically repeat this number of flashes indicating that it has been set.

Done!

Mistakes can be solved by simply disconnecting the **LiPo-Blitzer** from the LiPolys.
The Jumper should always remain attached (except while programming).

A missing Jumper will result the **LiPo-Blitzer** to reprogram itself for 14-cell-use each time it restarts.

Properties:

Number of cells:	12 to 14 LiPolys
Permissible tension:	36V to 58,8V
Programmable:	Yes
Indicating Number of cells:	
	Yes, by flashing when connected to the Akku

CAUTION:

Looking in the LED directly could cause damage to your eyesight.

Red LEDs have approx.	10.000 mcd
Green LEDs have approx.	15.000 mcd.

www.lipo-blitzer.de